

PUBLIC NOTICE
Pursuant to Groundwater Assessment
Report Nos. AIN20030002 and AIN 20020002
Southern Waste Services LLC
Agency Interest No. 39028 / Permit No. 071-00006

The Environmental and Public Protection Cabinet, Division of Waste Management intends to approve two Groundwater Assessment Reports received from Southern Waste Services, L.L.C. in Logan County, Kentucky. These reports satisfy the regulatory requirement under 401 KAR 48:300 Section 8 that requires the landfill to submit a report to address specific groundwater monitoring results that exceed limits in monitoring wells and/or springs at the landfill. The reports describe the site hydrogeology and groundwater monitoring system, the assessment investigation, and the determination of the probable causes for the elevated constituents detected by the facility groundwater monitoring system.

The findings of the Groundwater Assessment Report AIN 20030002 indicate that the elevated monitoring parameters detected in Monitoring Well MW-11 and Red Spring consists primarily of volatile organic compounds along with chloride and ammonia, which are typical landfill leachate contaminants. The groundwater degradation confirmed at Well MW-11 and Red Spring is associated with the old inactive residential landfill area (a.k.a. Unit 1) as shown by this report. Temporary control measures have been implemented by the facility that include capturing the discharge from Red Spring and routing it into the leachate collection system for proper onsite treatment and disposal.

The findings of Groundwater Assessment Report AIN 20020002 indicate that the elevated monitoring parameters detected at spring monitoring location S-4 (Blowout Spring) consist primarily of inorganic constituents such as iron, sodium, chloride, nitrate, and total dissolved solids. The report indicates that groundwater degradation at spring monitoring location S-4 is primarily related to the placement of aluminum dross waste material along the slopes of landfill Unit 3. The extent of ground water degradation is limited to resurgent surface drainage pathways that are well defined by site topography and previous dye trace studies.

A groundwater user survey, and monitoring of nearby ground water supply wells and springs, confirm that the groundwater degradation is localized by topographic and geologic factors, and that the groundwater contamination has not impacted, and is not expected to impact, local residential water supply wells or springs.

The applicant proposes to submit a Groundwater Corrective Action Plan in both reports that will include additional monitoring in the area of concern, and provide additional corrective action measures to abate groundwater and surface water degradation from the old inactive residential landfill (Unit 1) and Unit 3 as indicated

by monitoring spring S-4 (Blowout Spring).

Southern Waste Services Landfill is located at 478 Coopertown Road and may be reached by traveling north from Russellville on U.S. Highway 431 approximately 3.3 miles to the intersection of U.S. Highway 431 and KY Highway 1040 (Coopertown Road). Continue along KY Highway 1040 approximately 0.5 mile to the landfill entrance. The landfill is located immediately east of KY Highway 1040.

The name and mailing address of the permit applicant is:

Southern Waste Services, LLC
P.O. Box 537
Russellville, Kentucky 42276-0537
Steve May, Site Manager (270) 726-9016

The Groundwater Assessment Reports are being processed at the following address:

Division of Waste Management
Solid Waste Branch
14 Reilly Road
Frankfort, KY 40601

The groundwater assessment reports and related information can be reviewed at the Division of Waste Management's Frankfort office between 8:30 AM and 4:00 PM weekdays by appointment only. To make an appointment, submit a written request to Maria Wood at least 72 hours prior to the desired review date. Requests can be faxed to (502) 564-9232 or mailed to Ms. Wood at the above address.

Copies of the Groundwater Assessment Reports are available for public inspection at the Logan County Public Library, located at 201 West Sixth Street, Russellville, Ky. The Library is open Monday through Thursday from 9:00 am to 8:00 pm, Friday from 9:00 am to 5:00 pm, Saturday from 10:00 am to 5:00 pm, and Sunday from 2:00 pm to 5:00 pm.

Any person who wishes to comment on the Groundwater Assessment Reports may submit written comments and, if desired, request that the Cabinet conduct a public meeting. Comments or hearing requests must be submitted in writing to: Ronald D. Gruzesky, P.E., Division of Waste Management, 14 Reilly Road, Frankfort, KY 40601-1190, by the close of business on October 17, 2005, the end of the 30-day comment period. Please reference Agency Interest No. 39028 and Report No. AIN20030002, and/or AIN 20020002 on any correspondence.

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